

## Master of Information Technology (MIT)

The MIT Programme is a conversion programme meant for people with little or no previous academic computing experience and is designed around candidates coming from a wide range of academic backgrounds having a basic degree qualification. This programme provides students from a variety of disciplines with a wide understanding of Information Technology. It is sufficiently general to give you an excellent background to commence a professional career in industrial or commercial organizations, and the required background in IT to enable you to undertake further study leading to the specializations needed for a research career. Course is centered around a set of core skills and four specialized streams to choose from.

### Duration:

Two year part time course of four semesters (15 weeks per semester):

Maximum intake -80. Fridays 5.30pm - 7.30pm and Saturdays 8am-4pm

### Entry Qualifications:

- A Degree from a recognized University or,
- Any other academic or professional qualification judged equivalent to a Degree by the Senate of the University of Colombo.

### SEMESTER 1 (Compulsory courses):

Course	Credits
Program Design and Programming	3
Computer Systems	3
Fundamentals of Information Technology	3
Systems Analysis and Design	3

### SEMESTER 2 (Compulsory courses):

Course	Credits
Database Systems	3
Software Engineering	3
Internet programming	3
Rapid Application Development	3

### SEMESTER 3 (Compulsory courses):

Course	Credits
Project Management and Professional issues in ICT	2
Individual or Group Project	Group Project (4) / Individual Project (10)

### Optional Courses:

Students shall offer at least two courses each of 3 credits selected from the following streams.

- Networking : Data communications and networks, Planning and design of networks
- Multimedia : Multimedia Technology, Graphics and Image Processing.
- Management : Management and Organizational behavior, Business Information Systems.
- e-learning : e-Educational Processes, Instructional design Methodology

### SEMESTER 4 (Compulsory courses):

Course
Continuation of the Individual Project or Group Project

### Optional Courses:

Student shall offer at least one course worth 3-credits, selected from the following streams.

- Networking : Data and Network Security, Systems and Network administration
- Multimedia : Digital Video Production, Multimedia Web Development
- Management : e-Business and Computational Finance, Business Statistics and Operations Research
- e-Learning : Learning and Assessment in a Digital environment, Multimodal learning.

### Additional credits obtainable via:

- ❖ Refereed publication in an International Conference – (2 credits per paper)
- ❖ Refereed publication in a National Conference – (1 credit per paper)

### The award of MIT Degree:

A student who has satisfied the following conditions shall be deemed to have qualified to obtain the Degree of Master of Information Technology.

- Has obtained a minimum of 50 credits
- Has obtained a minimum of 2.0 of GPA.
- Has obtained a pass for the individual or group project.

A student who has obtained minimum of 3.25 GPA shall be awarded a Distinction Pass.

The best minimum set of courses that exceeds or add up to 50 credits are considered for the calculation GPA.

**Course Fee: Rs. 160,000 payable at the time of registration and in full, and a refundable library deposit of Rs. 2,500.**

### Application Procedure:

Admission to the above course will be made on the basis of a selection test followed by an interview. The medium of instruction will be in English and as such a good working knowledge of English is expected from the candidates. Those awaiting results may also apply, but they would be eligible to be admitted to the programme only if their results are officially available prior to the date of interview.

Application forms and further information is available to be downloaded at [www.ucsc.cmb.ac.lk/pg](http://www.ucsc.cmb.ac.lk/pg), or may be collected at the reception of the UCSC. Completed application forms are to be handed over to the Assistant Registrar, Academic & Publications with a receipt for Rs. 1,000 issued by the Shroff's office, UCSC.

The selection test for applicants will be held on 29<sup>th</sup> August, 2009 at the assigned examination centre.

The names of applicants who have passed the selection test will be published along with the date and time of interview and the venue, on the UCSC website in due course. Those who present themselves for the interview should bring the relevant originals of supporting documents and referee reports along with them. Sitting and/or passing the selection test does not guarantee admission to the MIT programme.

Only those who are successful at the interview will be notified in due course for registration.

### Important Dates:

Close of applications	- 21 <sup>st</sup> August 2009
Selection Test	- 29 <sup>th</sup> August 2009
Interview	- 26 <sup>th</sup> and 27 <sup>th</sup> September 2009
Notification for Registration	- 16 <sup>th</sup> October 2009
Registration dead line	- 06 <sup>th</sup> November 2009
Semester 1 begins	- 20 <sup>th</sup> November 2009

All information contained herein is subject to interpretation by relevant UCSC By-Laws and Regulations.